WASTE SAMPLING TRIP REPORT

SITE NAME: Sweet Kleen Laundry Site
DCN RST-02-F-01297
TDD # 02-03-11-0024

EPA SITE ID NO.: UQ

SAMPLING DATE: December 16 and 17, 2003

1. **Site Location:** 760 Kensington Avenue, Buffalo, Erie County, New York (Please see Figure 1 included as Attachment A)

2. **Sample Descriptions:** Refer to the sample descriptions tables, field testing results and sample location plan (Figure 2) in Attachment B.

3. **Laboratory Receiving Samples:**

Sample Type	Name & Address of Laboratory	Parameters
Waste (from Drum, Sump, Chimney, Transformer and Debris material)	GLA Laboratories 1008 W. North Avenue King of Prussia, PA, 19406 (610) 337-9992	RCRA Characteristics Analysis (Ignitability, Corrosivity and Reactivity), TAL Lead, Full TCLP and Polychlorinated Biphenyls (PCBs)
Suspected Asbestos Containing Materials (SACM)	DataChem Laboratories 4388 Glendale Milford Road Cincinnati, Ohio 45242 (513) 733-5336	Polarized Light Microscopy (PLM), if negative then, Transmission Electron Microscopy (TEM)

4. **Sample Dispatch Data:** On December 18, 2003, thirteen waste samples were hand delivered by RST personnel to GLA Laboratories, for analysis.

On December 18, 2003, six SACM bulk samples were shipped to DataChem Laboratories via FedEx Airbill No. 844383458940.

5. **Personnel On Site:**

Name	Representing	Duties On-Site
Kevin Matheis	USEPA Region II	On-Scene Coordinator (OSC)
Aaron Levy	Region II RST	Site Project Manager (SPM), Site Health and Safety Officer, Sampling, Sample Management
Steve Cannon	Region II RST	Sampling, QA/QC, Field Screening
Sayed Iqbal	Region II RST	Sampling

6. **Additional Comments:**

On December 16, 2003, RST members Aaron Levy, Steve Cannon and Sayed Iqbal arrived on site at 0900 hours, with U.S. EPA OSCs, Kevin Matheis and Kimberly Camp from the initial meeting place, Buffalo Weaving and Belting site, and conducted a site reconnaissance. The site is located at 760 Kensington Avenue in Buffalo, Erie County, New York, and consists of several buildings connected by a courtyard area on approximately 2 acres. The buildings appeared to be structurally sound, however, there were extensive open areas which resulted from roof collapse. Initially an exterior walk was conducted to familiarize everyone with the site.

After the exterior walk, RST members conducted a Level B entry into the site building to conduct air monitoring for organic vapors and radiation. The air monitoring results indicated that all parameters monitored were either below or at background levels established prior to site entry in the parking lot area. The instruments used for air monitoring were a Multi-Rae Photo Ionization Detector (PID), a Photovac Flame Ionization Detector (FID) and a Ludlum Model 19 Micro-R Radiation Detector.

On December 16, 2003, RST made a second Level B entry for drum sampling from the south side building entrance located along Federal Avenue. A total of five waste samples were collected during this entry. Three samples from the sumps located in the courtyard area and two samples from the 30-gallon poly drums also stored within the same courtyard area on the northwest side of the building. Two additional 30-gallon poly drums were also noted in the same area with material frozen solid and, as per OSC request, were not sampled. Four bulk samples were also collected from different suspected asbestos containing material including pipe insulation and debris material from the south side building area. Sample information is summarized in Table 1 and Table 2, Attachment B. Sample locations are indicated in Figure 2, Attachment B.

On December 17, 2003, RST collected five waste samples from 5-gallon containers, one transformer oil sample, three waste samples from the debris in the east side building

located along the Kensington Avenue and one incinerator ash sample from the bottom of the chimney located on the south side of the property along Federal Avenue.

RST also performed limited field screening tests on the waste samples collected on December 16 and 17, 2003, in order to select samples to be analyzed by the laboratory. Field testing results are summarized in Table 3, Attachment B.

As per the OSC's request, RST also estimated 1000 linear feet of pipe insulation as the suspected asbestos containing material (SACM) in the accessible site buildings area. The outer diameter of the insulation appeared to range from 3 to 6 inches.

Copies of the Drum Inventory Logs are included in Attachment C, the Chain-of-Custody Records and FedEx airbill in Attachment D and digital photo documentation in Attachment E.

7. Weather:

The weather during this removal site assessment was sunny with temperatures in the low 30s and easterly winds of 5 to 10 miles an hour on December 16, 2003. On December 17, 2003, the temperatures were in the low 20s with snow all day. Wind gusts were at 20 to 25 miles an hour.

8. Report prepared by: _____ for Date: 1/6/04
Sayed Iqbal
Chemist

Report reviewed by: _____ Date: 1/6/04
Aaron Levy
Group Leader

ATTACHMENT A

Site Location Map

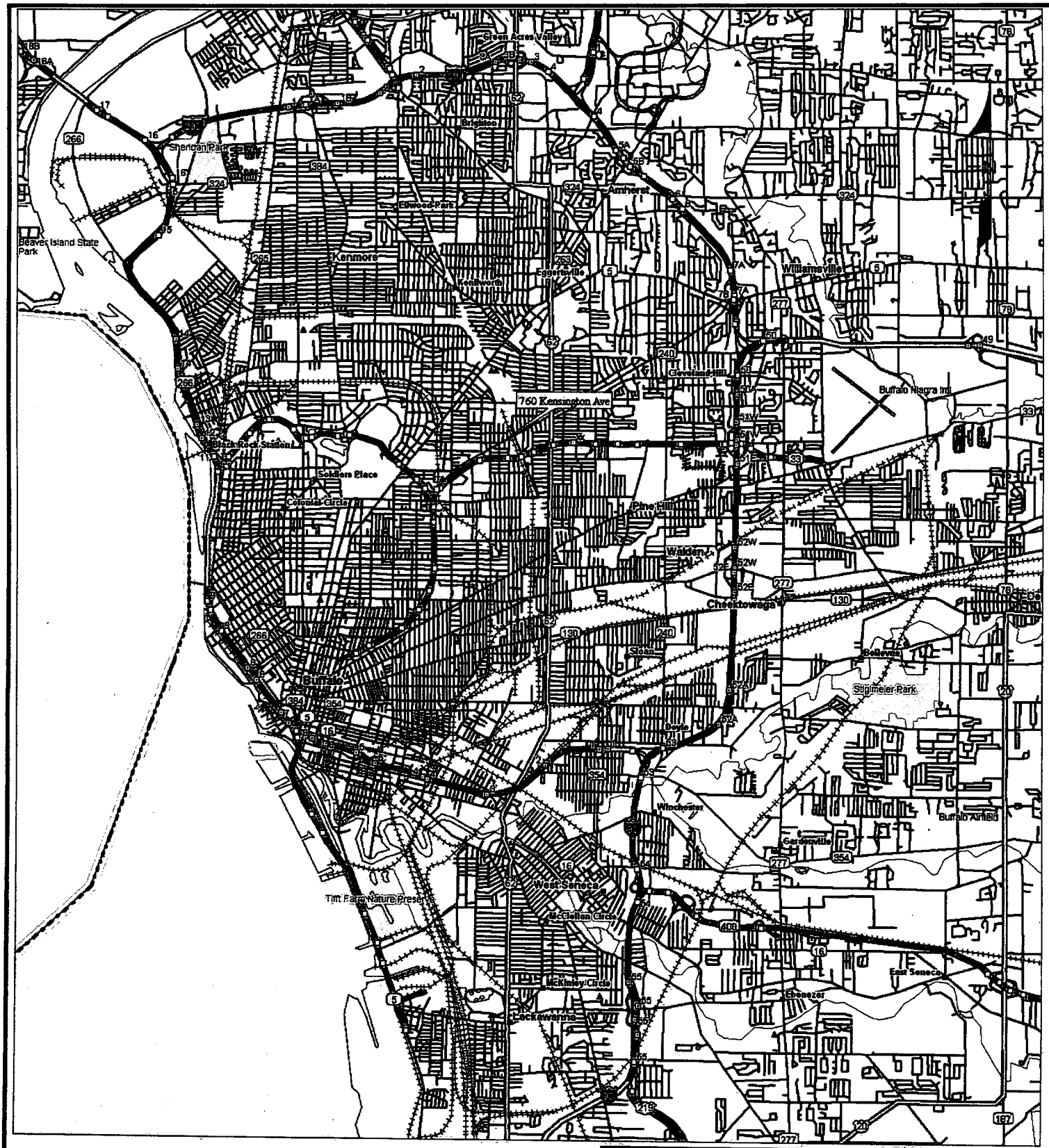

FIGURE 1
SITE LOCATION MAP
SWEET KLEEN LAUNDRY
BUFFALO, NY

US ENVIRONMENTAL PROTECTION AGENCY

REMOVAL SUPPORT TEAM

CONTRACT # 68-W-00-113

Weston Solutions Inc.
FEDERAL PROGRAMS DIVISION

IN ASSOCIATION WITH SCIENTIFIC ENVIRONMENTAL ASSOCIATES, INC.
RESOURCE APPLICATIONS, INC.,
AND INNOVATIVE TECHNOLOGICAL SOLUTIONS INC.

EDITED BY: V. HENSPERGER

EPA OSC: K. MATHEIS

SITE PROJECT MANAGER: A. LEVY

FILE: D:\DWG\SWEETKLEEN1

ATTACHMENT B

Table 1 & 2 - Sample Description Table

Table 3 - Field Testing Results Summary

Figure 2 - Sample Location Plan

Table 1
WASTE SAMPLE DESCRIPTIONS
SWEET KLEEN LAUNDRY SITE
BUFFALO, NEW YORK

Sample Number	Date	Time	Description	Analysis
SKL-DR- 01	12/16/03	1420	Liquid sample, collected from a 30-gallon poly drum	RCRA Characteristics Analysis (Ignitability, Corrosivity and Reactivity)
SKL-DR- 04	12/16/03	1515	Liquid sample, collected from a 30-gallon poly drum	Full TCLP Scan
SKL-DR- 05	12/17/03	1020	Liquid sample, collected from a 5-gallon poly drum	RCRA Characteristics Analysis (Ignitability, Corrosivity and Reactivity)
SKL-DR- 06	12/17/03	1030	Liquid sample, collected from a 5-gallon metal drum	Full TCLP Scan
SKL-DR- 07	12/17/03	1010	Liquid sample, collected from a 5-gallon poly drum	RCRA Characteristics Analysis (Ignitability, Corrosivity and Reactivity)
SKL-DR- 08	12/17/03	1035	Two phase liquid sample, collected from a 5-gallon poly drum	RCRA Characteristics Analysis (Ignitability, Corrosivity and Reactivity) on both phases
SKL-DR- 09	12/17/03	1040	Liquid sample, collected from a 5-gallon poly drum	RCRA Characteristics Analysis (Ignitability, Corrosivity and Reactivity)
SKL-T- 01	12/17/03	1055	Liquid sample, collected from a transformer cells	Polychlorinated Biphenyls (PCBs)
SKL-S- 01	12/16/03	1600	Liquid sample, collected from the courtyard sump	RCRA Characteristics Analysis (Ignitability, Corrosivity and Reactivity)
SKL-S- 02	12/16/03	1600	Liquid sample, collected from the courtyard sump	RCRA Characteristics Analysis (Ignitability, Corrosivity and Reactivity)
SKL-S- 03	12/16/03	1600	Liquid sample, collected from the courtyard sump	RCRA Characteristics Analysis (Ignitability, Corrosivity and Reactivity)
SKL-C- 01	12/17/03	1200	Ash sample, collected from the chimney floor	Full TCLP Scan, PAHs
SKL-L-R5- 01	12/16/03	1600	debris fill sample	TAL Lead

Table 2
BULK/DEBRIS SAMPLE DESCRIPTIONS
SWEET KLEEN LAUNDRY SITE
BUFFALO, NEW YORK

Sample Number	Date	Time	Description	Analysis
SKL-A-R1-01	12/16/03	1650	Bulk sample from the floor debris in Room 1	Polarized Light Microscopy (PLM), if negative then, Transmission Electon Microscopy (TEM)
SKL-A-R1-02	12/16/03	1630	Bulk sample from the floor debris in Room 1	Polarized Light Microscopy (PLM), if negative then, Transmission Electon Microscopy (TEM)
SKL-A-R2-01	12/16/03	1625	Bulk sample from the pipe insulation over the heater in Room 2	Polarized Light Microscopy (PLM), if negative then, Transmission Electon Microscopy (TEM)
SKL-A-R3- 01	12/16/03	1620	Floor debris fill sample, collected by the door in Room 3	Polarized Light Microscopy (PLM), if negative then, Transmission Electon Microscopy (TEM)
SKL-A-R4- 01	12/17/03	1130	Bulk sample from the floor under a wrapped pipe collected in Room 4	Polarized Light Microscopy (PLM), if negative then, Transmission Electon Microscopy (TEM)
SKL-A-R5- 01	12/16/03	1620	Floor debris fill sample, collected in Room 5	Polarized Light Microscopy (PLM), if negative then, Transmission Electon Microscopy (TEM)

Table 3

FIELD TESTING RESULTS SUMMARY
SWEET KLEEN LAUNDRY SITE
BUFFALO, NEW YORK

Sample ID	Container & Sample Description	Field Testing Results
SKL-DR- 01	Dark brown thick liquid sample, collected from a 30-gallon poly drum	insoluble in water and methanol, hexane soluble, pH not determined, ignitable, negative for oxidizers, peroxide, sulfide and chloride test, not reactive in air, water or acid, negative for hot wire chlorine test
SKL-DR-04	Gel like liquid sample, collected from a 30-gallon poly drum	insoluble in water and methanol, hexane soluble, pH not determined, ignitable, negative for oxidizers, peroxide, sulfide and chloride test, not reactive in air, water or acid, negative for hot wire chlorine test
SKL-DR- 05	Liquid sample, collected from a 5-gallon poly drum	water and methanol soluble; pH 7, insoluble in hexane, not ignitable, negative for oxidizers, peroxide, sulfide and chloride test, not reactive in air, water or acid, negative on hot wire chlorine test
SKL-DR- 07	Liquid sample, collected from a 5-gallon poly drum	insoluble in water and methanol, hexane soluble, pH not determined, combustible, negative for oxidizers, peroxide and sulfide test, not reactive in air, water or acid, negative for hot wire chlorine test
SKL-DR- 08	Two phase liquid sample, collected from a 5-gallon poly drum	insoluble in water and methanol, hexane soluble, pH not determined, combustible, negative for oxidizers, peroxide and sulfide test, not reactive in air, water or acid, negative for hot wire chlorine test

ATTACHMENT C

Drum Inventory Logs

WESTON SOLUTIONS
Restoring Resource Efficiency

REMOVAL SUPPORT TEAM

DRUM INVENTORY LOG

SITE NAME: Sweet Kleen Laundry **PROJECT NO.:** _____

DRUM NO.: 01 **SAMPLE NO.:** _____

LOGGER: Courtyard - East Lawn **SAMPLER:** Levy

DRUM DESCRIPTION:

CONSTRUCTION		TYPE		CONDITION		
Fiber ☐	Poly ☒	Poly Lined ☐	Overpack ☐	rusted ☐	leaking ☐	dented ☐
Steel ☐	Nickel ☐	Open Top ☐	Ring Top ☐	bulging ☐	perforated ☐	good ☒
Stainless ☐	Other ☐	Closed Top ☒		other Old		

DRUM SIZE (Gallons):	85 ☐	55 ☐	42 ☐	30 ☒	15 ☐	10 ☐	5 ☐	Other_____
MFG NAME							
CHEMICAL NAME							
DRUM MARKINGS							
DRUM LABELS							

FIELD AIR MONITORING INSTRUMENT READINGS: LEL ____ PID 0.0 FID ____ RAD METER ____ OTHER ____

PHYSICAL DESCRIPTION: 2/3 Full

LAYERS		PHYSICAL				COLOR / DESCRIPTION	CLARITY			SOLUBILITY		REACTION	
PHASE	INCHES	LIQUID	SOLID	SLUDGE	GEL	Oil, Syrup, Viscuous, Watery, Paste, Chunks, Gel, Spongy, Soaplike, Soft, Hard, Powder, Crystal, Granular, Rubbery	CLEAR	CLOUDY	OPAQUE	WATER (1)	HEXANE (2)	AIR	WATER
Top		X				Dark Brown			X	~~Ins.~~			
Middle		X				little Solids			X				
Bottom		X							X	Ins.	Sol.	Neg	Neg

FIELD SCREENING RESULTS:

Layers	pH	Chlorine (Hot Wire)	Ignitable	Cyanide	Oxidizer	Chloride	Peroxide	Mercury	Sulfide	PCB
Top										
Middle										(4)
Bottom	(3)	Neg.	Ignitable	N/A	Neg.	N/A	Neg		Neg	N/A

ASSIGNED WASTE STREAM - BASED ON INITIAL RCRA HAZARD EVAPORATION TEST: DOES NOT EVAPORATE

TEST COMPATIBILITY RESULTS: ACID TEST: NO VISIBLE REACTION

Prepared by: S. CANNON Date: 12/17/03

Iodine Chrystal Test Inconclusive, Sample too oily.

(1) Also more dense than water (sinks)

(2) Insoluble in Methanol

(3) pH Test not Conducted due to water insolubility.

(4) No green flame on Chlorine test

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DRUM INVENTORY LOG

SITE NAME: Sweet Kleen Laundry **PROJECT NO.:** _____

DRUM NO.: 04 **SAMPLE NO.:** _____

LOGGER: _____ **SAMPLER:** A.L.

DRUM DESCRIPTION:

CONSTRUCTION		TYPE		CONDITION		
Fiber ☐	Poly ☑	Poly Lined ☐	Overpack ☑	rusted ☐	leaking ☐	dented ☐
Steel ☐	Nickel ☐	Open Top ☐	Ring Top ☐	bulging ☐	perforated ☐	good ☑
Stainless ☐	Other ☐	Closed Top ☐		other Old		

DRUM SIZE (Gallons): 85 ☐ 55 ☐ 42 ☐ 30 ☑ 15 ☐ 10 ☐ 5 ☐ Other_____

MFG NAME

CHEMICAL NAME

DRUM MARKINGS

DRUM LABELS

FIELD AIR MONITORING INSTRUMENT READINGS: LEL____ PID 3.4 FID____ RAD METER____ OTHER____

PHYSICAL DESCRIPTION: VG Full (2)

LAYERS		PHYSICAL				COLOR / DESCRIPTION	CLARITY			SOLUBILITY		REACTION	
PHASE	INCHES	LIQUID	SOLID	SLUDGE	GEL	Oil, Syrup, Viscuous, Watery, Paste, Chunks, Gel, Spongy, Soaplike, Soft, Hard, Powder, Crystal, Granular, Rubbery	CLEAR	CLOUDY	OPAQUE	WATER	HEXANE	AIR	WATER
Top													
Middle										(1)			
Bottom	X			X					X	Ins.	Sol.	Neg.	Neg.

FIELD SCREENING RESULTS:

Layers	pH	Chlorine (Hot Wire)	Ignitable	Cyanide	Oxidizer	Chloride	Peroxide	Mercury	Sulfide	PCB
Top										
Middle	(3)									
Bottom	N/A	Neg.	Ignitable	N/A	Neg.	N/A	Neg.		Neg	

ASSIGNED WASTE STREAM - BASED ON INITIAL RCRA HAZARD Acid Test: No visible Reaction

TEST COMPATIBILITY RESULTS: Evaporation Test - Does Not Evaporate

Prepared by: S. Cannon Date: 12/17/03

(1) Also more dense than water (sinks)

(2) Insoluble in methanol - Iodine Crystal Test inconclusive, sample too oily.

(3) pH Test not Conducted due to water insolubility.

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DRUM INVENTORY LOG

SITE NAME: Sweet Kleen Laundry PROJECT NO.: _____

DRUM NO.: D5 SAMPLE NO.: _____

LOGGER: _____ SAMPLER: _____

DRUM DESCRIPTION:

CONSTRUCTION		TYPE		CONDITION		
Fiber ☐	Poly ☒	Poly Lined ☐	Overpack ☐	rusted ☐	leaking ☐	dented ☐
Steel ☐	Nickel ☐	Open Top ☒	Ring Top ☐	bulging ☐	perforated ☐	good ☒
Stainless ☐	Other ☐	Closed Top ☐		other _____		

DRUM SIZE (Gallons): 85 ☐ 55 ☐ 42 ☐ 30 ☐ 15 ☐ 10 ☐ 5 ☒ Other _____

MFG NAME: Lever Brothers

CHEMICAL NAME: Detergent Emulsifier

DRUM MARKINGS: Same

DRUM LABELS: Same

FIELD AIR MONITORING INSTRUMENT READINGS: LEL ____ PID Bkg. FID ____ RAD METER ____ OTHER ____

PHYSICAL DESCRIPTION: 1/8 full (2)

LAYERS		PHYSICAL				COLOR / DESCRIPTION	CLARITY			SOLUBILITY		REACTION	
PHASE	INCHES	LIQUID	SOLID	SLUDGE	GEL	Oil, Watery, Gel, Soft, Crystal, (Syrup) Paste, Spongy, Hard, Granular, Viscuous, Chunks, Soaplike, Powder, Rubbery	CLEAR	CLOUDY	OPAQUE	WATER	HEXANE	AIR	WATER
Top													
Middle											(1)		
Bottom	3	✓							✓	Sol.	Ins.	Neg	Neg

FIELD SCREENING RESULTS:

~~Layers~~	pH	Chlorine (Hot Wire)	Ignitable	Cyanide	Oxidizer	Chloride	Peroxide	Mercury	Sulfide	PCB
Top										
Middle	7	Neg	Non Flam	N/A	Neg.	Neg	Neg.		Neg.	(4) Neg
Bottom										

ASSIGNED WASTE STREAM - BASED ON INITIAL RCRA HAZARD Evaporation Test - Does not Evaporate

TEST COMPATIBILITY RESULTS: Acid Test - No visible Reaction

Prepared by: S. Cannon Date: 12/17/03

(1) Also, more dense than hexane (sinks)

(2) Soluble in Methanol

(3) Iodine Crystal did not dissolve

(4) No green flame on chlorine test

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DRUM INVENTORY LOG

SITE NAME: Sweet Kleen Laundry PROJECT NO.: _____

DRUM NO.: D6 SAMPLE NO.: _____

LOGGER: _____ SAMPLER: _____

DRUM DESCRIPTION:

CONSTRUCTION		TYPE		CONDITION		
Fiber ☐	Poly ☐	Poly Lined ☐	Overpack ☐	rusted ☐	leaking ☐	dented ☐
Steel ☒	Nickel ☐	Open Top ☐	Ring Top ☐	bulging ☐	perforated ☐	good ☐
Stainless ☐	Other ☐	Closed Top ☒ Sealed Gas Cane.		other_____		

DRUM SIZE (Gallons):	85 ☐	55 ☐	42 ☐	30 ☐	15 ☐	10 ☐	5 ☒ Other_____
MFG NAME							
CHEMICAL NAME							
DRUM MARKINGS	Gas						
DRUM LABELS							

FIELD AIR MONITORING INSTRUMENT READINGS: LEL ____ PID Bkg FID ____ RAD METER ____ OTHER ____

PHYSICAL DESCRIPTION: ¼ full

LAYERS		PHYSICAL				COLOR / DESCRIPTION	CLARITY			SOLUBILITY		REACTION	
PHASE	INCHES	LIQUID	SOLID	SLUDGE	GEL	Oil, Syrup, Viscuous, Watery, Paste, Chunks, Gel, Spongy, Soaplike, Soft, Hard, Powder, Crystal, Granular, Rubbery	CLEAR	CLOUDY	OPAQUE	WATER	HEXANE	AIR	WATER
Top													
Middle													
Bottom						watery							

FIELD SCREENING RESULTS:

Layers	pH	Chlorine (Hot Wire)	Ignitable	Cyanide	Oxidizer	Chloride	Peroxide	Mercury	Sulfide	PCB
Top										
Middle										
Bottom										

ASSIGNED WASTE STREAM - BASED ON INITIAL RCRA HAZARD

TEST COMPATIBILITY RESULTS:

Prepared by:_____ Date:_____

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DRUM INVENTORY LOG

SITE NAME: Sweet Kleen Laundry PROJECT NO.: _____

DRUM NO.: D7 SAMPLE NO.: _____

LOGGER: _____ SAMPLER: _____

DRUM DESCRIPTION:

CONSTRUCTION		TYPE		CONDITION		
Fiber ☐	Poly ☒	Poly Lined ☐	Overpack ☐	rusted ☐	leaking ☐	dented ☐
Steel ☐	Nickel ☐	Open Top ☐	Ring Top ☐	bulging ☐	perforated ☐	good ☒
Stainless ☐	Other ☐	Closed Top ☒		other _____		

DRUM SIZE (Gallons): 85 ☐ 55 ☐ 42 ☐ 30 ☐ 15 ☐ 10 ☐ 5 ☒ Other _____

MFG NAME: Lever Brothers

CHEMICAL NAME: Heavy Duty Alkali

DRUM MARKINGS:

DRUM LABELS:

FIELD AIR MONITORING INSTRUMENT READINGS: LEL ____ PID Bkg FID ____ RAD METER ____ OTHER ____

PHYSICAL DESCRIPTION: Full (1)

LAYERS		PHYSICAL				COLOR / DESCRIPTION	CLARITY			SOLUBILITY		REACTION	
PHASE	INCHES	LIQUID	SOLID	SLUDGE	GEL	Oil, Syrup, Viscuous, Watery, Paste, Chunks, Gel, Spongy, Soaplike, Soft, Hard, Powder, Crystal, Granular, Rubbery	CLEAR	CLOUDY	OPAQUE	WATER	HEXANE	AIR	WATER
Top													
Middle										Ins.	Sol.		
Bottom													

FIELD SCREENING RESULTS: Evaporation Test: Did not evaporate

Layers	pH	Chlorine (Hot Wire)	Ignitable	Cyanide	Oxidizer	Chloride	Peroxide	Mercury	Sulfide	PCB
Top	(3)	(4)								
Middle	N/A	Neg	Combustible	N/A	Neg.	N/A	Neg		Neg.	
Bottom										

ASSIGNED WASTE STREAM - BASED ON INITIAL RCRA HAZARD Acid Test: No visible reaction

TEST COMPATIBILITY RESULTS:

Prepared by: S. CANNON Date: 12/17/03

(1) Less dense than water (floats) more dense than methanol (sinks)

(2) Insoluble in methanol

(3) pH test not Conducted due to water insolubility.

(4) No green flame

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DRUM INVENTORY LOG

SITE NAME: Sweet Kleen Laundry PROJECT NO.: _____

DRUM NO.: D8 SAMPLE NO.: _____

LOGGER: _____ SAMPLER: _____

DRUM DESCRIPTION: Same as D7

CONSTRUCTION		TYPE		CONDITION		
Fiber ☐	Poly ☒	Poly Lined ☐	Overpack ☐	rusted ☐	leaking ☐	dented ☐
Steel ☐	Nickel ☐	Open Top ☐	Ring Top ☐	bulging ☐	perforated ☐	good ☒
Stainless ☐	Other ☐	Closed Top ☒		other _____		

DRUM SIZE (Gallons): 85 ☐ 55 ☐ 42 ☐ 30 ☐ 15 ☐ 10 ☐ 5 ☒ Other _____

MFG NAME: Lever Brothers

CHEMICAL NAME:

DRUM MARKINGS:

DRUM LABELS:

FIELD AIR MONITORING INSTRUMENT READINGS: LEL ____ PID BKG FID ____ RAD METER ____ OTHER ____

PHYSICAL DESCRIPTION: 1/4 full

LAYERS		PHYSICAL				COLOR / DESCRIPTION	CLARITY			SOLUBILITY (1)		REACTION	
PHASE	INCHES	LIQUID	SOLID	SLUDGE	GEL	Oil, Syrup, Viscuous, Watery, Paste, Chunks, Gel, Spongy, Soaplike, Soft, Hard, Powder, Crystal, Granular, Rubbery	CLEAR	CLOUDY	OPAQUE	WATER	HEXANE	AIR	WATER
Top										Ins.	Sol.		
Middle													
Bottom													

FIELD SCREENING RESULTS: Evaporation Test: Did not evaporate

Layers	pH (3)	Chlorine (Hot Wire)	Ignitable	Cyanide	Oxidizer	Chloride	Peroxide	Mercury	Sulfide	PCB
Top	N/A	Neg. (4)	Combust	N/A	Neg.	N/A	Neg.		Neg.	
Middle										
Bottom										

ASSIGNED WASTE STREAM - BASED ON INITIAL RCRA HAZARD Acid Test: No visible reaction

TEST COMPATIBILITY RESULTS:

Prepared by: S. CANNON Date: 12/17/03

(1) less dense than water (floats)
More dense than methanol (sinks)

(2) Insoluble in methanol

(3) pH test not Conducted due to water insolubility,

(4) No green flame

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DRUM INVENTORY LOG

SITE NAME: Sweet Kleen Laundry PROJECT NO.: _____

DRUM NO.: 09 SAMPLE NO.: _____

LOGGER: _____ SAMPLER: _____

DRUM DESCRIPTION:

CONSTRUCTION		TYPE		CONDITION		
Fiber ☐	Poly ☒	Poly Lined ☐	Overpack ☐	rusted ☐	leaking ☐	dented ☐
Steel ☐	Nickel ☐	Open Top ☐	Ring Top ☐	bulging ☐	perforated ☐	good ☒
Stainless ☐	Other ☐	Closed Top ☒		other _____		

DRUM SIZE (Gallons): 85 ☐ 55 ☐ 42 ☐ 30 ☐ 15 ☐ 10 ☐ 5 ☒ Other _____

MFG NAME: No label

CHEMICAL NAME:

DRUM MARKINGS:

DRUM LABELS:

FIELD AIR MONITORING INSTRUMENT READINGS: LEL ____ PID 0/0 ____ FID ____ RAD METER ____ OTHER ____

PHYSICAL DESCRIPTION: 2" in the bottom

LAYERS		PHYSICAL				COLOR / DESCRIPTION			CLARITY			SOLUBILITY		REACTION	
PHASE	INCHES	LIQUID	SOLID	SLUDGE	GEL	(Oil),	(Syrup),	Viscuous,	CLEAR	CLOUDY	OPAQUE	WATER	HEXANE	AIR	WATER
						Watery,	Paste,	Chunks,							
						Gel,	Spongy,	Soaplike,							
						Soft,	Hard,	Powder,							
						Crystal,	Granular,	Rubbery							
Top															
Middle															
Bottom															

FIELD SCREENING RESULTS:

Layers	pH	Chlorine (Hot Wire)	Ignitable	Cyanide	Oxidizer	Chloride	Peroxide	Mercury	Sulfide	PCB
Top										
Middle										
Bottom										

ASSIGNED WASTE STREAM - BASED ON INITIAL RCRA HAZARD

TEST COMPATIBILITY RESULTS:

Prepared by: _____ Date: _____

WESTON SOLUTIONS
Restoring Resource Efficiency

REMOVAL SUPPORT TEAM

DRUM INVENTORY LOG

SITE NAME: Sweet Kleen Laundry PROJECT NO.: _____

DRUM NO.: D3 SAMPLE NO.: _____

LOGGER: _____ SAMPLER: _____

DRUM DESCRIPTION:

CONSTRUCTION		TYPE		CONDITION		
Fiber ☐	Poly ☑	Poly Lined ☐	Overpack ☐	rusted ☐	leaking ☐	dented ☐
Steel ☐	Nickel ☐	Open Top ☐	Ring Top ☐	bulging ☐	perforated ☐	good ☑
Stainless ☐	Other ☐	Closed Top ☑		other Old		

DRUM SIZE (Gallons):	85 ☐	55 ☐	42 ☐	30 ☑	15 ☐	10 ☐	5 ☐	Other_____
MFG NAME							
CHEMICAL NAME							
DRUM MARKINGS							
DRUM LABELS							

FIELD AIR MONITORING INSTRUMENT READINGS: LEL ____ PID 0.6 FID ____ RAD METER ____ OTHER ____

PHYSICAL DESCRIPTION: Fabric Solid Foil

LAYERS		PHYSICAL				COLOR / DESCRIPTION	CLARITY			SOLUBILITY		REACTION	
PHASE	INCHES	LIQUID	SOLID	SLUDGE	GEL	Oil, Syrup, Viscuous, Watery, Paste, Chunks, Gel, Spongy, Soaplike, Soft, Hard, Powder, Crystal, Granular, Rubbery	CLEAR	CLOUDY	OPAQUE	WATER	HEXANE	AIR	WATER
Top													
Middle													
Bottom													

FIELD SCREENING RESULTS:

Layers	pH	Chlorine (Hot Wire)	Ignitable	Cyanide	Oxidizer	Chloride	Peroxide	Mercury	Sulfide	PCB
Top										
Middle										
Bottom										

ASSIGNED WASTE STREAM - BASED ON INITIAL RCRA HAZARD

TEST COMPATIBILITY RESULTS:

Prepared by: _____ Date: _____

WESTON SOLUTIONS
Restoring Resource Efficiency

REMOVAL SUPPORT TEAM

DRUM INVENTORY LOG

SITE NAME: Sweet Kleen Laundry **PROJECT NO.:** _____

DRUM NO.: D 2 **SAMPLE NO.:** _____

LOGGER: _____ **SAMPLER:** RST

DRUM DESCRIPTION:

CONSTRUCTION		TYPE		CONDITION		
Fiber ☐	Poly ☒	Poly Lined ☐	Overpack ☐	rusted ☐	leaking ☐	dented ☐
Steel ☐	Nickel ☐	Open Top ☐	Ring Top ☐	bulging ☐	perforated ☐	good ☒
Stainless ☐	Other ☐	Closed Top ☒		other Old		

DRUM SIZE (Gallons):	85 ☐	55 ☐	42 ☐	30 ☒	15 ☐	10 ☐	5 ☐	Other_____
MFG NAME							
CHEMICAL NAME							
DRUM MARKINGS							
DRUM LABELS							

FIELD AIR MONITORING INSTRUMENT READINGS: LEL ____ PID 0.7 FID ____ RAD METER ____ OTHER ____

PHYSICAL DESCRIPTION: Full

LAYERS		PHYSICAL				COLOR / DESCRIPTION	CLARITY			SOLUBILITY		REACTION	
PHASE	INCHES	LIQUID	SOLID	SLUDGE	GEL	Oil, Syrup, Viscuous, Watery, Paste, Chunks, Gel, Spongy, Soaplike, Soft, Hard, Powder, Crystal, Granular, Rubbery	CLEAR	CLOUDY	OPAQUE	WATER	HEXANE	AIR	WATER
Top						Frozen Solid							
Middle						No Sample							
Bottom													

FIELD SCREENING RESULTS:

Layers	pH	Chlorine (Hot Wire)	Ignitable	Cyanide	Oxidizer	Chloride	Peroxide	Mercury	Sulfide	PCB
Top										
Middle										
Bottom										

ASSIGNED WASTE STREAM - BASED ON INITIAL RCRA HAZARD

TEST COMPATIBILITY RESULTS:

Prepared by: _____ Date: _____

ATTACHMENT D

Chain-of-Custody Records / FedEx Airbill

CHAIN OF CUSTODY RECORD

RFP No:
4256
PO No.:
004207 4

WESTON SOLUTIONS
Restoring Resource Efficiency

Removal Support Team
EPA Contract 68-W-00-113
Phone: (732) 225-6116 Fax: (732) 225-7037

Matrix Box No:	Preservative Box No:
1. Surface	1. HCL
2. Ground water	2. HNO_3
3. Leachate	3. Na_2SO_4
4. Rinsate	4. H_2SO_4
5. Soil/Sediment	5 Other (specify)
6. Oil	6. Ice Only
7. Waste	N. Not preserved
8. Other	*See Comments
(Specify)	

Send verbal and written results to: Weston Solutions, Inc.
Suite 201, 1090 King Georges Post Road, Edison, New Jersey, 08837
Attention: Smita Sumbaly, RST Analytical Coordinator

						RAS ANALYSIS						RCRA ANALYSIS			
Sample Number	Sample Collection MM/DD/YY Time	Sample Matrix (Enter Box 1)	Conc. Low-L Med-M High-H	Sample Type Comp-C Grab-G	Sample Preserv. (Enter box #5)	VOA	BNA	PEST	PCBs	TAL	CN	IGN	COR	REAC	OTHER
~~SKL-DR-01~~															
SKL-DR-01	12/16/03, 1420	Liquid	M	G	6							X	X	X	RCRA (pH)
SKL-DR-04	12/16/03, 1515	"	H	G	6		Full	TCLP							*Full TCLP
SKL-DR-05	12/17/03, 0930	Liquid	M	G	6							X	X	X	RCRA (pH
SKL-DR-06	12/17/03, 1030	"	H	G	6		Full	TCLP							Full TCLP
SKL-DR-07	12/17/03, 1010	"	M	G	6							X	X	X	pH
SKL-DR-08	12/17/03, 1035	"	M	G	6							X	X	X	*Analyze 2 phase
SKL-DR-09	12/12/03, 1040	Liq	M	G	6							X	X	X	pH

Comments: Aaron Levy

* Note for SKL-DR-08 Analyze 2 phases

Person Assuming Responsibility for Samples:					Time/Date
Sample Number: All	Relinquished By:	Time: 1440	Date: 12/18/03	Received By:	Reason for Change of Custody: Analysis
Sample Number	Relinquished By:	Time	Date	Received By:	Reason for Change of Custody
Sample Number	Relinquished By:	Time	Date	Received By:	Reason for Change of Custody

Weston Solutions, Inc.
FEDERAL PROGRAMS DIVISION
In Association with Scientific and Environmental Associates, Inc., Resource Applications, Inc., and Innovative Technical Solutions, Inc.

CHAIN OF CUSTODY RECORD

REF No:
4256
PO No:
0042074

WESTON SOLUTIONS
Restoring Resource Efficiency

Removal Support Team
EPA Contract 68-W-00-113
Phone: (732) 225-6116 Fax: (732) 225-7037

Matrix Box No.	Preservative Box No.
1. Surface	1. HCL
2. Ground water	2. HNO_3
3. Leachate	3. Na_2SO_4
4. Rinsate	4. H_2SO_4
5. Soil/Sediment	5 Other (specify)
6. Oil	6. Ice Only
7. Waste	N. Not preserved
8. Other (Specify)	*See Comments

Send verbal and written results to: Weston Solutions, Inc.
Suite 201, 1090 King Georges Post Road, Edison, New Jersey, 08837
Attention: Smita Sumbaly, RST Analytical Coordinator

						RAS ANALYSIS						RCRA ANALYSIS			
Sample Number	Sample Collection MM/DD/YY Time	Sample Matrix (Enter Box 1)	Conc. Low-L Med-M High-H	Sample Type Comp-C Grab-G	Sample Preserv. (Enter box #5)	VOA	BNA	PEST	PCBs	TAL	CN	IGN	COR	REAC	OTHER
SKL-T-1	12/17/03, 1055	6	H	G	6				X						
SKL-S-01	12/16/03, 1600	1	L	G	6							X	X	X	~~RCRA~~ pH
SKL-S-02	12/16/03, 1600	1	L	G	6							X	X	X	pH
SKL-S-03	12/16/03, 1600	1	L	G	6							X	X	X	pH
SKL-C-01	12/17/03, 1260	8	H	G	6			FULL		TCL			PAH		Matrix - ASH
SKL-RS1	12/17/03, 1120	5	M	G	6										Lead only

Comments: Hand deliver to Lab.

Person Assuming Responsibility for Samples: Aaron Levy					Time/Date
Sample Number ALL	Relinquished By:	Time 1440	Date 12/18/03	Received By:	Reason for Change of Custody Analysis
Sample Number	Relinquished By:	Time	Date	Received By:	Reason for Change of Custody
Sample Number	Relinquished By:	Time	Date	Received By:	Reason for Change of Custody

Weston Solutions, Inc.
FEDERAL PROGRAMS DIVISION
In Association with Scientific and Environmental Associates, Inc., Resource Applications, Inc., and Innovative Technical Solutions, Inc.

CHAIN OF CUSTODY RECORD

RFP No.:
4257
PO No.:
0042073

WESTON SOLUTIONS
Restoring Resource Efficiency

Removal Support Team
EPA Contract 68-W-00-113
Phone: (732) 225-6116 Fax: (732) 225-7037

Matrix Box No.:	Preservative Box No.:
1. Surface	1. HCL
2. Ground water	2. HNO_3
3. Leachate	3. Na_2SO_4
4. Rinsate	4. H_2SO_4
5. Soil/Sediment	5 Other (specify)
6. Oil	6. Ice Only
7. Waste	N. Not preserved
8. Other	*See Comments
(Specify)	

Send verbal and written results to: Weston Solutions, Inc.
Suite 201, 1090 King Georges Post Road, Edison, New Jersey, 08837
Attention: Smita Sumbaly, RST Analytical Coordinator

						RAS ANALYSIS						RCRA ANALYSIS			
Sample Number	Sample Collection MM/DD/YY Time	Sample Matrix (Enter Box 1)	Conc. Low-L Med-M High-H	Sample Type Comp-C Grab-G	Sample Preserv. (Enter box #5)	VOA	BNA	PEST	PCBs	TAL	CN	IGN	COR	REAC	OTHER
SKL-A-R1-1	12/16/03, 1650	*	H	G	—										PLM
SKL-A-R1-2	12/16/03, 1800	*	H	G	—										PLM
SKL-A-R2-1	12/16/03, 1635	*	H	G	—										PLM
SKL-A-R3-1	12/16/03, 1620	*	H	G	—										PLM
SKL-A-R4-1	12/17/03, 1130	*	H	G	—										PLM
SKL-A-R5-1	12/12/03, 1125	*	H	G	—										PLM

Comments: * Asbestos — Run PLM + ~~wait~~ wait for instructions to run TEM - Send Result of PLM to

Person Assuming Responsibility for Samples: Weston Solutions / Aaron Long — Time/Date

Sample Number	Relinquished By:	Time	Date	Received By:	Reason for Change of Custody
ALL	[signature]	1450	12/18/03	FedEx	Shipment to Lab.
Sample Number	Relinquished By:	Time	Date	Received By:	Reason for Change of Custody
Sample Number	Relinquished By:	Time	Date	Received By:	Reason for Change of Custody

FedEx Express **USA Airbill**

FedEx Tracking Number **844383458940**

0200 **Sender's Copy**

1 From *Please print and press hard.*

Date 12/18/03 Sender's FedEx Account Number

Sender's Name Steve Cannon Phone (732) 225-6116

Company Weston Solutions, Inc.

Address 1090 King Georges Post Rd. Suite 201 Dept./Floor/Suite/Room

City Edison State NJ ZIP 08837

2 Your Internal Billing Reference First 24 characters will appear on invoice. OPTIONAL

3 To

Recipient's Name ANNA Ristich Phone (513) 733-5336

Company DATAChem Laboratories

Address 4388 Glendale Milford Rd.

To "HOLD" at FedEx location, print FedEx address. We cannot deliver to P.O. boxes or P.O. ZIP codes.

Address Dept./Floor/Suite/Room

City Cincinnati State Ohio ZIP 45242

Try online shipping at fedex.com

By using this Airbill you agree to the service conditions on the back of this Airbill and in our current Service Guide, including terms that limit our liability.

Questions? Visit our Web site at fedex.com or call 1.800.Go.FedEx® 800.463.3339.

4a Express Package Service *Packages up to 150 lbs.* Delivery commitment may be later in some areas.

- [X] FedEx Priority Overnight — Next business morning
- [ ] FedEx Standard Overnight — Next business afternoon
- [ ] FedEx First Overnight — Earliest next business morning delivery to select locations
- [ ] FedEx 2Day — Second business day
- [ ] FedEx Express Saver — Third business day

FedEx Envelope rate not available. Minimum charge: One-pound rate

4b Express Freight Service *Packages over 150 lbs.* Delivery commitment may be later in some areas.

- [ ] FedEx 1Day Freight* — Next business day
- [ ] FedEx 2Day Freight — Second business day
- [ ] FedEx 3Day Freight — Third business day

* Call for Confirmation:

5 Packaging * Declared value limit $500

- [ ] FedEx Envelope*
- [ ] FedEx Pak* — Includes FedEx Small Pak, FedEx Large Pak, and FedEx Sturdy Pak
- [X] Other

6 Special Handling Include FedEx address in Section 3.

- [ ] SATURDAY Delivery — Available ONLY for FedEx Priority Overnight and FedEx 2Day to select ZIP codes
- [ ] HOLD Weekday at FedEx Location — NOT Available for FedEx First Overnight
- [ ] HOLD Saturday at FedEx Location — Available ONLY for FedEx Priority Overnight and FedEx 2Day to select locations

Does this shipment contain dangerous goods? One box must be checked.

- [X] No
- [ ] Yes — As per attached Shipper's Declaration
- [ ] Yes — Shipper's Declaration not required
- [ ] Dry Ice — Dry Ice, 9, UN 1845 ____ x ____ kg

Dangerous Goods (including Dry Ice) cannot be shipped in FedEx packaging.

- [ ] Cargo Aircraft Only

7 Payment *Bill to:* Enter FedEx Acct. No. or Credit Card No. below.

- [ ] Sender — Acct. No. in Section 1 will be billed.
- [ ] Recipient
- [X] Third Party
- [ ] Credit Card
- [ ] Cash/Check

FedEx Acct. No. / Credit Card No. 154581227 Exp. Date

Total Packages	Total Weight	Total Declared Value†
1	18	$ .00

†Our liability is limited to $100 unless you declare a higher value. See back for details. FedEx Use Only

8 Release Signature *Sign to authorize delivery without obtaining signature.*

By signing you authorize us to deliver this shipment without obtaining a signature and agree to indemnify and hold us harmless from any resulting claims.

446

Rev. Date 10/01 • Part #157812 • ©1994–2001 FedEx • PRINTED IN U.S.A. WCSL 03

RETAIN THIS COPY FOR YOUR RECORDS.

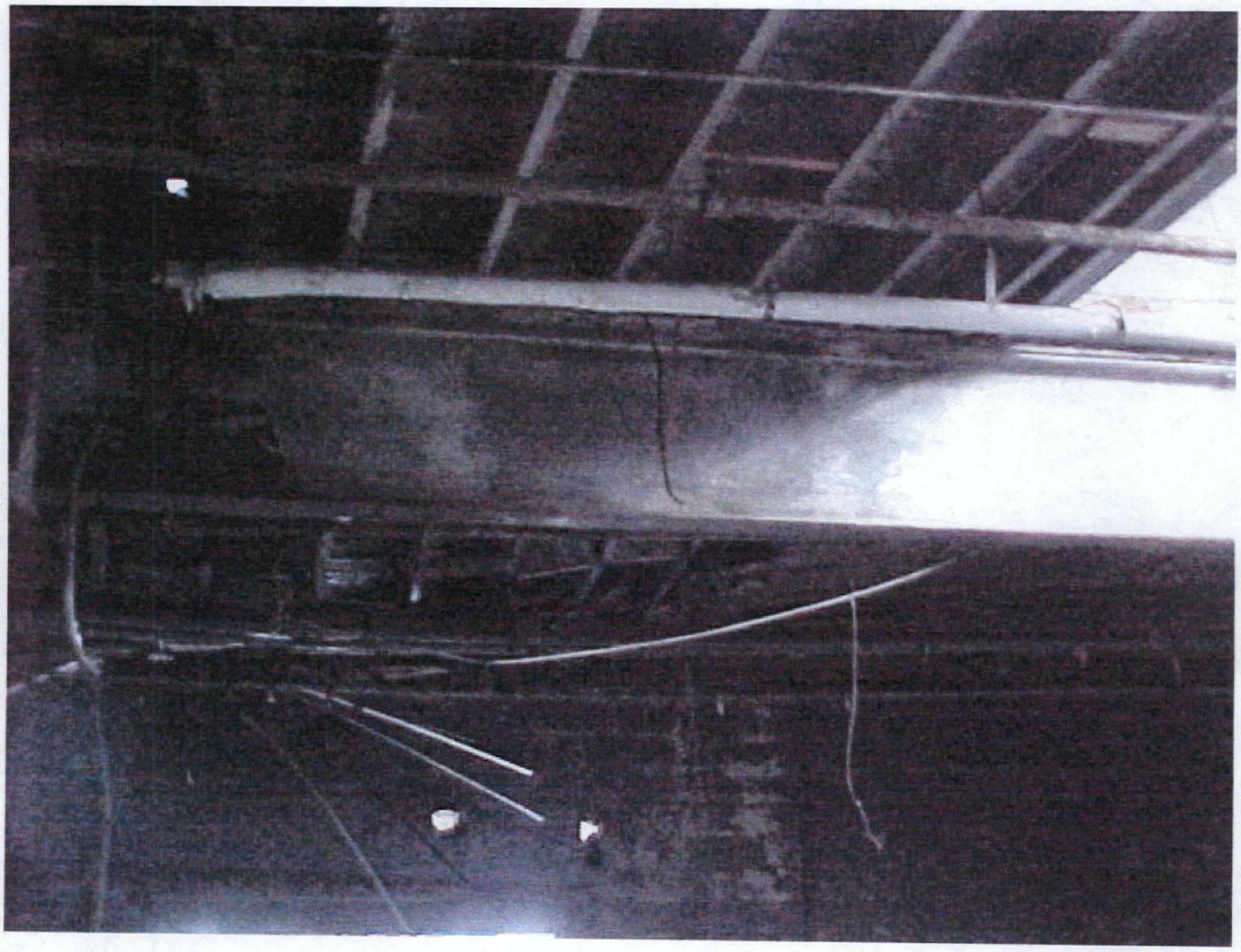
ATTACHMENT E

Digital Photo Documentation

Asbestos Pipe Wrap

Sweet Kleen Laundry Site

December 16, 2003



Asbestos on Pipes

Sweet Kleen Laundry Site

December 16, 2003

Asbestos on Piping

Sweet Kleen Laundry Site

December 16, 2003

Sample Location SKL-A-R1-1

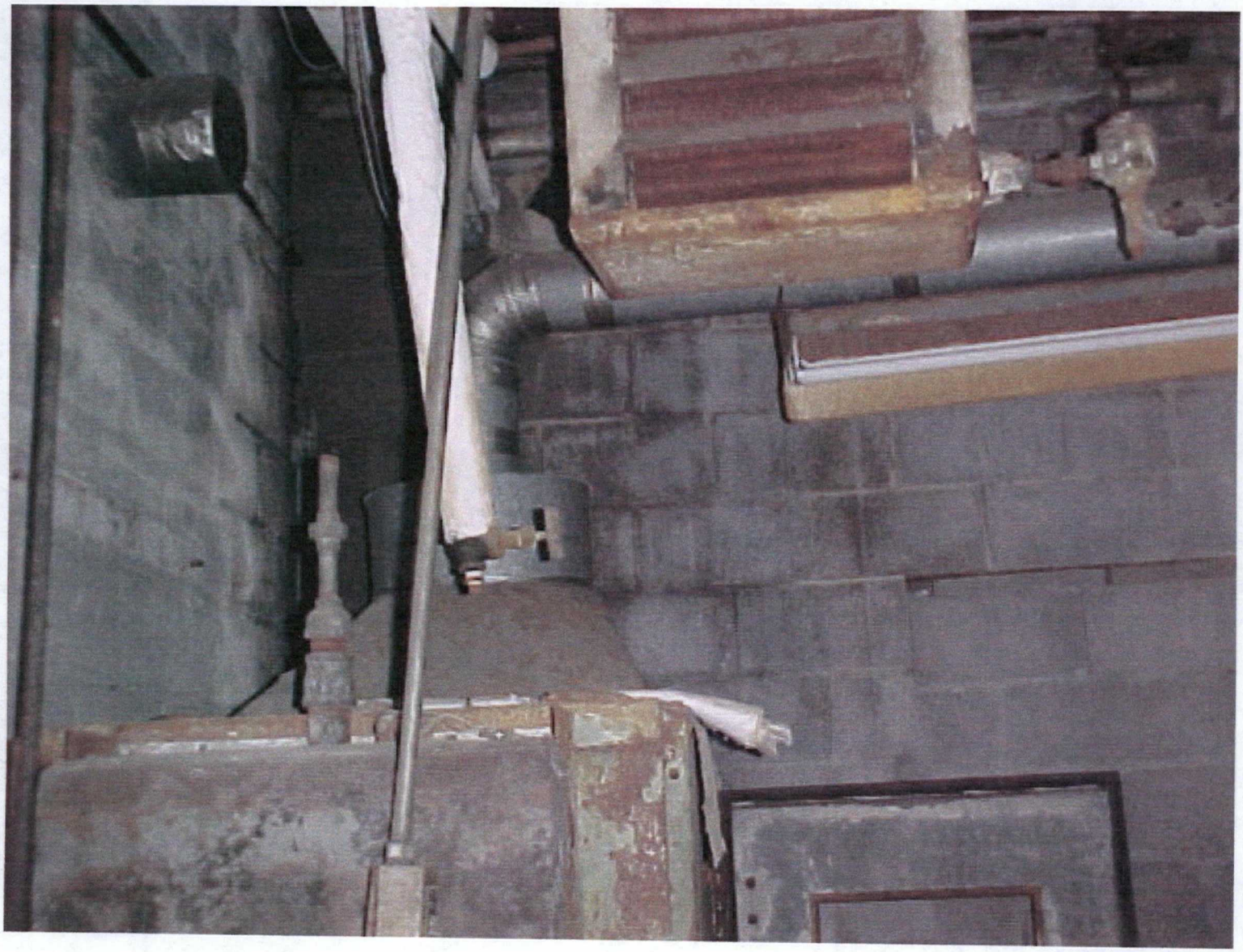
Sweet Kleen Laundry Site

December 17, 2003

Sample Location SKL-A-R1-2

Sweet Kleen Laundry Site

December 17, 2003



Sample Location SKL-A-R2-1

Sweet Kleen Laundry Site

December 17, 2003

Sample Location SKL-A-R3-1

Sweet Kleen Laundry Site

December 17, 2003

Sample Location SKL-A-R4-1

Sweet Kleen Laundry Site

December 17, 2003

Sample Location SKL-A-R5-1 & SKL-L-R5-1

Sweet Kleen Laundry Site

December 17, 2003

Drum 01

Sweet Kleen Laundry Site

December 17, 2003

Drum 02

Sweet Kleen Laundry Site

December 17, 2003

Sumps in Courtyard Area

Sweet Kleen Laundry Site

December 17, 2003

View of Sumps & Drum 01 (note courtyard flooded)

Sweet Kleen Laundry Site

December 17, 2003

Drum 03 (right)
Drum 04 (left)
(Empty drum in background)

Sweet Kleen Laundry Site

December 17, 2003

Transformers in Room 4

Sweet Kleen Laundry Site

December 17, 2003